

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
- ☐ Express Mail No. @(as Serial No. not yet known)
- and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
- filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367-102204

Serial No.	Filing Date	Status		
		Patented	Pending	Abandoned
09/527,342	March 17, 2000		X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

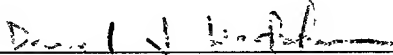
Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature:  Date: 10-2-1
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

10007 29E 20007

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

4097 P01 25 2007

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367-103304

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

10007367402204

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
 Legal Affairs Dept.
 Applied Materials, Inc.
 P. O. Box 450A
 Santa Clara, CA 95052.

Robert M. Wallace
 (805) 644-4035

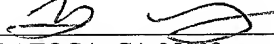
DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **sole or first** inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95070
 Post Office Address: 12343 ARROYO DE ARGUELLO
 SARATOGA, CA 94070
 U.S.A. Country of Citizenship: USA

Full name of **second** inventor: YAN YE

Inventor's signature:  Date: 10-22-01
 Residence: SARATOGA, CA 95008
 Post Office Address: 13271 VIA ARRIBA DRIVE
 SARATOGA, CA 95008
 U.S.A. Country of Citizenship: USA

Full name of **third** inventor: DAN KATZ

Inventor's signature: _____ Date: _____
 Residence: AGOURA HILLS, CA 91301
 Post Office Address: 5520 EMBER COURT
 AGOURA HILLS, CA 91301
 U.S.A. Country of Citizenship: USA

T02207 10007 10007 10007

Country of Citizenship: USA

Country of Citizenship: USA

Country of Citizenship: TAIWAN

Country of Citizenship: USA

Country of Citizenship: USA

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

FILED " 4097 P01

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed
☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

1000367403004

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: Dan Katz Date: 10/09/01
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

10007 10007 10007

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____

Residence: LIVERMORE, CA 95540

Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A.

Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____

Residence: MOUNTAIN VIEW, CA 94040

Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A.

Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____

Residence: SAN JOSE, CA 95124

Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A.

Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A.

Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A.

Country of Citizenship: USA

(Declaration ends with this page)

FOOSE 1997-09-20

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367-1000000

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed
☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

FILED 09/27/2000

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
 Legal Affairs Dept.
 Applied Materials, Inc.
 P. O. Box 450A
 Santa Clara, CA 95052.

Robert M. Wallace
 (805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95070
 Post Office Address: 12343 ARROYO DE ARGUELLO
 SARATOGA, CA 94070
 U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95008
 Post Office Address: 13271 VIA ARRIBA DRIVE
 SARATOGA, CA 95008
 U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: _____ Date: _____
 Residence: AGOURA HILLS, CA 91301
 Post Office Address: 5520 EMBER COURT
 AGOURA HILLS, CA 91301
 U.S.A. Country of Citizenship: USA

T02207 19970007

Country of Citizenship: USA

Country of Citizenship: USA

Country of Citizenship: TAIWAN

Country of Citizenship: USA

Country of Citizenship: USA

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
☐ divisional
☐ continuation
☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007357-102201
T02201-10007357

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

4097 P01 2000

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

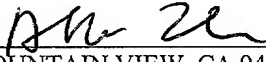
Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

FOREF " 10007 29E 2000F

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature:  _____ Date: 10/3/01
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

FOOT 79E/000T

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367.10007

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

10007967000

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

10007367-100007

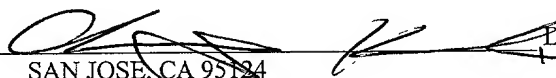
Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature:  Date: 10/17/01
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

FOOT 79E7000F

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367 4097 P01

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

10007367.103204

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Robert M. Wallace
(805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **sole or first** inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of **third** inventor: DAN KATZ

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

40007367-100001

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA


Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature:  Date: 10/17/01
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

10007367 102207

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367 10007367

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed
☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

10007357, 102201

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
 Legal Affairs Dept.
 Applied Materials, Inc.
 P. O. Box 450A
 Santa Clara, CA 95052.

Robert M. Wallace
 (805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95070
 Post Office Address: 12343 ARROYO DE ARGUELLO
 SARATOGA, CA 94070
 U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95008
 Post Office Address: 13271 VIA ARRIBA DRIVE
 SARATOGA, CA 95008
 U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: _____ Date: _____
 Residence: AGOURA HILLS, CA 91301
 Post Office Address: 5520 EMBER COURT
 AGOURA HILLS, CA 91301
 U.S.A. Country of Citizenship: USA

10007367-102201

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

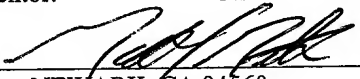
Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature:  Date: 10/2/01
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

100079670001